FORMULAS *AND* TABLES FOR AECH BRICK— Continued

Firebrick Arches; Rise, Length, Radius, for Chord of Unity

No.l	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
Rise or Middle Ordinate Decimal of Span	Logarithm of Rise or Middle Ordinate	Rise or Middle Ordinate Inches per 1 Ft Span	Arc	Length of Arc	Logarithm of Length of Arc	Eadius of Arc	Logarithm of Eadius of Arc
v	logy	*v*	a, Degrees, Minutes and	b or *c*	logb logc	*r* or *r'*	log *r* log/
0.1146	9.095	M	51-38-13	1.0346	0.0147	1.148	0.0599
0.1150	12			6	6	1	6
0 1167	9.0.60		51-48-	1.0349	0.0149	1.144	0.0586
0.1172	9.068	Iff	52-46-	1.0362	0.0154	1.125	0.0512
0.1198	S8	1&	04	3	6	2	1
0 1200	9.078		53-53-	1.0378	0.0161	1.103	0.0427
0.122	9.087	1*	55-01-	1.0394	0.0168	1.082	0.0344
4	77	1	11	9	2	5	2
0.1250	9.0969	H	56-08-	1.0411	0.0175	1.062	0.0263
0.1276	1	l»	42	6	2	5	3
0.1302	9.114	1*	58-22-	1.0446	0.0189	1.025	0.0107
0.1328	64	i»	57	1	5	2	9
0	9.		59-29-	1.0463	0.0196	1.007	0.0033
0	9		60-26-	1	0	0	9
0.135	9.131	if	60-37-	1.0482	0.0204	0.990	9.9959
4	67		28	0	0	7	3
0.1406	9.	i»	62-49-	1.0519	0.0219	0.959	9.9&19
0	14806		26	0	7	4	8
0.145	9.163	H	65-01-	1.0557	0.0235	0.930	9.9685
8	86		39	6	7	2	9
0.	9.1791	1H	67-13-	1.0597	0.0252	0.903	9.9558
1510	0		02	3	0	3	4
0	9		68-53-	1	0	0	9
0.156	9.1938	if	69-26-	1.0639	0.0269	0.877	9.9434
3	2		13	2	1	9	4
0.161	9.2080	IB	71-36-	1.0681	0.0286	0.	9.9318
5	6		06	6	4	8547	4